

**ABSTRACT**

A power system provides for redundant input power sources. The power system includes a plurality of inputs that are connectable to a plurality of input sources and an OR circuit coupled to the source inputs. The OR circuit ORs the  
5 input sources to provide a source voltage. The power control circuit that is responsive to sufficient source voltage and other commands provides a working voltage to mid- and low-rail converters to provide supply voltages for use by a load.